



marvinjwilliams@uspto.gov mulchofficeactionreply5-12-05.doc

IN THE UNITED STATES OFFICE OF PATENTS AND TRADEMARKS
PATENTS

Re:

Inventor and Applicant: Marvin J. Williams, Jr.

Application No. 10/747,728

Filing Date: December 29, 2003

Art Unit: 3643

Examiner: Jeffrey L. Gellner

OFFICE ACTION REPLY

Assistant Commissioner for Patents

U.S. Office of Patent and Trademarks

P.O. Box 1450

Alexandria, Virginia 22313-1450

Dear Sir or Madam:

In response to the Office Action of March 22, 2005 please amend the above captioned application as follows:

Changes to the Specification begin on page 2 of this paper.

Changes to the Claims begin on page 14 of this paper.

The Brief begins on page 24 of this paper.

The Remarks begin on page 51 of this paper.

The Appendix is attached to the end of this paper, and it contains photocopies of the full text of research articles on which the government relies.